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On January 31, 2006

TOWNSEND and TOWNSEND and CREW LLP

By: 
Anna C. Kundel

PATENT
Attorney Docket No.: 015280-462100US
Client Reference No.: E-121-2002/0-US-03



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

SHOEMAKER et al.

Application No.: 10/528,747

Int'l App. No.: PCT/US03/32086

Int'l Filing Date: October 8, 2003

For: IDENTIFICATION OF ANTI-HIV
COMPOUNDS INHIBITING VIRUS
ASSEMBLY AND BINDING OF
NUCLEOCAPSID PROTEIN TO
NUCLEIC ACID

Examiner: Not yet assigned

Art Unit: Not yet assigned

INFORMATION DISCLOSURE
STATEMENT UNDER 37 CFR §1.97 and
§1.98

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

The references cited on attached form PTO/SB/08A and PTO/SB/08B are being called to the attention of the Examiner. Copies of the references [in compliance with the requirements of 37 CFR §1.98(a)(2)] are enclosed. It is respectfully requested that the cited references be expressly considered during the prosecution of this application, and the references be made of record therein and appear among the "references cited" on any patent to issue therefrom.

Also enclosed is a copy of the Search/Examination report corresponding to the PCT application.

As provided for by 37 CFR §1.97(g) and (h), no inference should be made that the information and references cited are prior art merely because they are in this statement and no representation is being made that a search has been conducted or that this statement encompasses all the possible relevant information.

Applicant believes that no fee is required for submission of this statement. However, if a fee is required, the Commissioner is authorized to deduct such fee from the undersigned's Deposit Account No. 20-1430. Please deduct any additional fees from, or credit any overpayment to, the above-noted Deposit Account.

Respectfully submitted,

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60682424 v1



Substitute for form 1449A&B/PTO

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet	1	of	2	Attorney Docket Number	015280-462100US
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Complete if Known

Application Number	10/528,747
Filing Date	
First Named Inventor	Shoemaker, Robert H.
Art Unit	Not yet assigned
Examiner Name	Not yet assigned

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number Kind Code ² (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	A1	US-4,476,314	10-09-1984	Kuriyama et al.	
	A2	US-5,041,576	08-20-1991	Wasfi	
	A3	US-6,001,555	12-14-1999	Henderson et al.	
	A4	US-6,046,228	04-04-2000	Rice et al.	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³	Number ⁴	Kind Code ⁵ (if known)				
	A5	WO	97/44064	A2	11-27-1997	The Government of the United States as...	<input type="checkbox"/>	
	A6	WO	99/65871	A2	12-23-1999	The Government of the United States as	<input type="checkbox"/>	
	A7	WO	02/062333	A1	08-15-2002	The Government of the United States as ...	<input type="checkbox"/>	
							<input type="checkbox"/>	
							<input type="checkbox"/>	
							<input type="checkbox"/>	

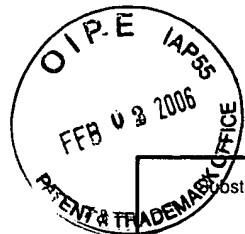
NON PATENT LITERATURE DOCUMENTS

Examiner Initials *	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
	A8	RICE, W., et al., "Inhibition of HIV-1 infectivity by zinc-ejecting aromatic C-nitroso compounds," <u>Nature</u> , 1993, Vol. 361, pp. 473-475.	<input type="checkbox"/>
	A9	RICE, W., et al., "Inhibitors of HIV Nucleocapsid Protein Zinc Fingers as Candidates for the Treatment of AIDS," <u>Science</u> , 1995, Vol. 270, pp. 1194-1197.	<input type="checkbox"/>
	A10	TURPIN, J., et al., "Synthesis and Biological Properties of Novel Pyridinoalkanoyl Thioesters (PATE) as Anti-HIV-1 Agents That Target the Viral Nucleocapsid Protein Zinc Fingers," <u>J. Med. Chem.</u> , 1999, Vol. 42, pp. 67-86.	<input type="checkbox"/>
	A11	VERMEIRE, K., et al., "Anti-HIV agents targeting the interaction of gp120 with the cellular CD4 receptor," <u>Expert Opin. Investig. Drugs</u> , 2005, Vol. 14, No. 10, pp. 1199-1212.	<input type="checkbox"/>

Examiner Signature	Date Considered
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¹EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

²Applicant's unique citation designation number (optional). ³Applicant is to place a check mark here if English language Translation is attached.



Substitute for form 1449A&B/PTO				<i>Complete if Known</i>	
				<i>Application Number</i>	10/528,747
				<i>Filing Date</i>	
				<i>First Named Inventor</i>	Shoemaker, Robert H.
				<i>Art Unit</i>	Not yet assigned
				<i>Examiner Name</i>	Not yet assigned
Sheet	2	of	2	<i>Attorney Docket Number</i>	015280-462100US

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	A12	YANG, Q, et al., "Discovery of Small-Molecule Human Immunodeficiency Virus Type 1 Early Inhibitors That Target the gp120-Binding Domain of CD4," <u>Journal of Virology</u> , May 2005, Vol. 79, No. 10, pp. 6122-6133.	<input type="checkbox"/>
			<input type="checkbox"/>

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